

Name: _____

ET_1021 version 11

Consider the *L*-system (and angle) defined below:

- Start: A

- Rules:

A > X[-A] [+A] AA

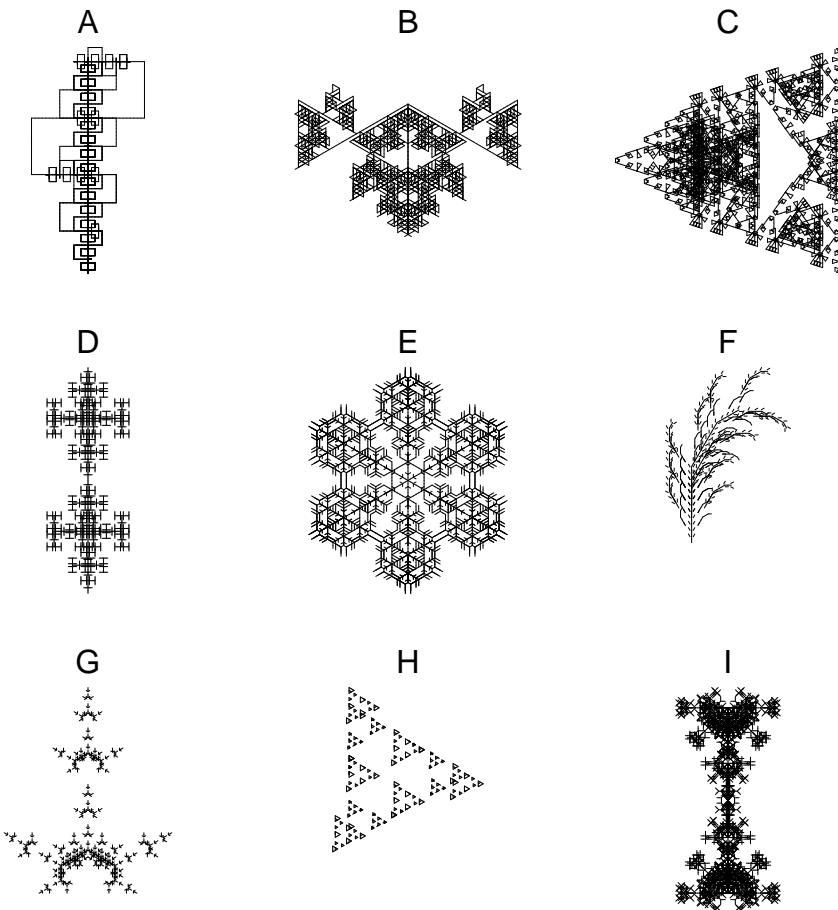
X > XX

- Number of recursions (number of iterations): 5

- Angle: 60°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

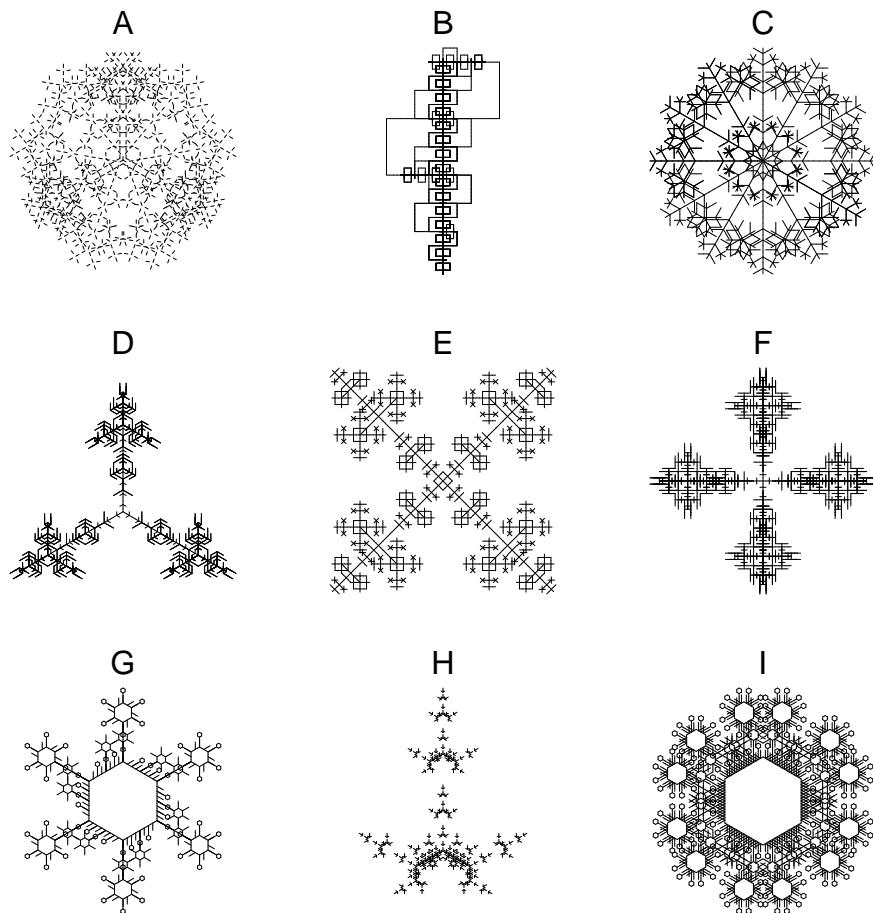
G

Consider the *L*-system (and angle) defined below:

- Start: A
- Rules:
 - A > B++A++A++B
 - B > AB[A-CC-CC-CCA]BA
 - C > CC
- Number of recursions (number of iterations): 5
- Angle: 90°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

B